



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of)	TOD, DEACENTS FOR DIACNOSING
Joseph L WITZTUM)	FOR: REAGENTS FOR DIAGNOSING, IMAGING AND TREATING ATHEROSCLEROTIC DISEASE
Serial No.: 10/706,659	ý	
Filed: November 12, 2003	,	Group Art Unit: unknown

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Mail Stop DD Commissioner for Patents P.O. Box 1451 Alexandria, VA 22313-1450

Attention:

Examiner

Dear Sir:

Applicants submit herewith references of which they are aware, which they believe may be material to patentability of the invention disclosed and claimed in the above-cited application and with respect to which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

Applicants are submitting herewith copies of the references which are set forth on the attached Form PTO/SB/08A. As all relevant parts of the references are in the English language, no explanation of the references is provided herein.

This Information Disclosure Statement is submitted within three (3) months of the filing date of the above-cited application or of the date of entry into the national phase of the application or prior to the mailing date of a first Office Action thereon, whichever has occurred last, such that no fee is required.

Further, while the references provided in this Information Disclosure Statement may be material to patentability pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specifically designated as such.

Also, in accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

Respectfully submitted,

Dated:	March	26,	2004	
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Docket No.: 6627-P0045D

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Т	RANSMITTAL	-	Filing Date	November 12, 2003			
1	FORM		First Named Inventor	Joseph L. WITZTUM			
(to be used for	r all correspondence afte	er initial filing)	Art Unit	unknown			
			Examiner Name	unknown			
Total Number of	of Pages in This Submis	sion	Attorney Docket Number	6627-P0045D			
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I hereby certify t sufficient postag the date shown	e as first class mail ir	nce is being facsin an envelope add	mile transmitted to the USPTO or dressed to: Commissioner for Pa	r deposited with the tents, P.O. Box 145	United :	States Postal Service with Indria, VA 22313-1450 on	
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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/706,659				
Filing Date	11/12/2003				
First Named Inventor	WITZTUM et al				
Art Unit	unknown				
Examiner Name	unknown				
Attorney Docket Number	6627-P0045D				

			U. S. PATENT	DOCUMENTS	
Examiner initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	^{US-} 5,330,910	7-19-1994	Young et al	whole document
. <u></u>	2	^{US-} 5,460,947	10-24-1995	Young et al	whole document
	3	^{US-} 6,375,925		Witztum et al	whole document
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		FORE	IGN PATENT DOCL	IMENTS		
Examiner Cite Initials* No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	4	WO/98/21581	5-22-1998	Tsimikas et al	whole document	
	5	WO 94/23302	10-13-1994	Selley	whole document	
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Substitute for form 1449/PTO		Complete if Known			
		Application Number	10/706,659		
INF	ORMATION	DIS	CLOSURE	Filing Date	11/12/2003
STA	STATEMENT BY APPLICANT			First Named Inventor	WITZTUM et al
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Sheet	2	of	3	Attorney Docket Number	6627-P0045D

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Examiner Initials*	Cite No. ¹	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	6	Hoorko S. Miller, E. Dudl E. et al Antiphospholipid antibodies are directed against epitopes of oxidized phospholipids:recognition of cardiolipin by monoclonal antibodies to epitopes of oxidized LDL. J. Clin. Invest.;1996:98; 815-825	
	7	Huse WD, Sastry L, Iverson SA, Klang AS, Alting-Mees M, Burton DR, Benkovic SJ, Lerner RA. Generation of a large combinatorial library of immunoglobulin repertoire in phage lambda. Science . 1989;246:1275-1281	
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	9	Shaw P.X, Horkko, S. Chang, M-K Curtiss, L.K. Palinski, W. Silverman, G.J. and Witztum, J.L. Natural antibodies with T15 idiotype may act in atheosclerosis, apoptotoc clearance and protective immunity. J. Clin, Invest. 105:1731-40, 2000	
	10	Wu CC, Chang SW, Chen MS, Lee YT. Early change of vascular permeability in hypercholoesterloemic rabbits. Arterioscler Thomb Vasc Biol. 1995, 15-529-533	
	11	Libby P. et al. Stabilizing of atherosclerotic plaques: New mechanisms and clinical targets. Nature Medicine. Vol 8, No. 11, 1257-1262-Nov. 2002	
	12	Narula, J. et al. Strategic targeting of atherosclerotic lesions. Journal of Nucelar Cardiology, Part 1, pp. 81-90 Jan./Feb 1999	
	13	Strauss, H.W. Imaging of atheosclerosis-A worthy challenge. Journal of Nucelar Cardiology, Vol 3, No 3, pp.278-280 May/June 1996	
	14	Tsimikas, S. et al. In vivo uptake of Radiolabeled MDA2, an oxidation-specific monoclonal antibody provides an accurate measureArterioscler Thromb, Vasc. Biol., Vol 20:689-697.2006	
	15	Holovet, P. et al, Monodialdehyde-modified low density lipoproteins in patients with atherosclerotic disease. J. Clin Invest. Vol 95:2611-9. 1995	

Examiner	Date	-
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO		Complete if Known		
Substitute for form 1443/1 TO	Application Number	10/706,659		
INFORMATION DISCLOSU	IRE Filing Date	11/12/2003		
STATEMENT BY APPLICA	NT First Named Inventor	WITZTUM et al		
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Sheet 3 of 3	Attorney Docket Number	6627-P0045D		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	16	Tsimikas S. Palinski W, Halpern SE, Yeung DW, Curtiss LK, Witztum JL. Radiolabeled MDA2, an oxidation-specific Mab, identifies native atherosclerotic lesions in vivo. J. Nucl Cardiol. 1999; 6:41-53				
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